



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 5 : C11D 3/28		A1	(11) International Publication Number: WO 92/19708 (43) International Publication Date: 12 November 1992 (12.11.92)
<p>(21) International Application Number: PCT/US92/03373</p> <p>(22) International Filing Date: 24 April 1992 (24.04.92)</p> <p>(30) Priority data: 91870072.5 30 April 1991 (30.04.91) EP (34) Countries for which the regional or international application was filed: BE et al.</p> <p>(71) Applicant (for all designated States except US): THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only) : LENOIR, Pierre, Marie, Alain [FR/CH]; Seefeldstraße 127, CH-8008 Zurich (CH). THOEN, Christiaan, Arthur, Jacques, Karel [BE/BE]; Boekweithofstraat 4, B-9120 Haasdonk (BE). PANANDIKER, Rajan, Keshav [IN/US]; 1321 Williamsburg Road, Cincinnati, OH 45215 (US).</p>		<p>(74) Agent: REED, T., David; The Procter & Gamble Company, Ivorydale Technical Center, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).</p> <p>(81) Designated States: AU, BB, BF (OAPI patent), BG, BJ (OAPI patent), BR, CA, CF (OAPI patent), CG (OAPI patent), CI (OAPI patent), CM (OAPI patent), CS, FI, GA (OAPI patent), GN (OAPI patent), HU, JP, KP, KR, LK, MG, ML (OAPI patent), MN, MR (OAPI patent), MW, NO, PL, RO, RU, SD, SN (OAPI patent), TD (OAPI patent), TG (OAPI patent), US.</p> <p>Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</p>	
<p>(54) Title: LIQUID DETERGENTS WITH AROMATIC BORATE ESTER TO INHIBIT PROTEOLYTIC ENZYME</p> <p>(57) Abstract</p> <p>Included are liquid detergent compositions comprising anionic and/or nonionic surfactant, proteolytic enzyme, second enzyme, and an aromatic borate ester.</p>			